

Register Number :

Name of the Candidate :

5 3 3 6

B.Sc. DEGREE EXAMINATION, 2011

(COMPUTER SCIENCE)

(THIRD YEAR)

(PART - III)

(PAPER - XIX)

350/340. SOFTWARE ENGINEERING

(Common with B.C.A. & Double Degree)

(Including Lateral Entry)

December] [Time : 3 Hours

Maximum : 100 Marks

PART - A (8× 5=40)

Answer any EIGHT questions.

ALL questions carry equal marks.

1. List the characteristics of software.
2. Write a brief note on the different types of software.

Turn Over

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3. Write a note on data modeling.
4. Discuss about functional modeling.
5. Explain the architectural design process.
6. Enumerate the different principles to be adopted in software design.
7. Differentiate between the verification and validation.
8. Discuss about white box testing.
9. Define SRS. What are its characteristics?
10. What is maintenance cost? Explain.

PART - B (3× 20=60)

Answer any THREE questions.

ALL questions carry equal marks.

11. Explain the process, methods and tools required for software development. (20)
12. Explain structured analysis and data dictionary. (20)
13. Explain the strategies approach to software testing issues. (20)

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14. Explain modular design and data design. (20)
15. Write short notes on :
 - (a) System documentation. (10)
 - (b) Software maintenance process (10)